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NASA Procedural Requirements

COMPLIANCE IS MANDATORY

NPR 7120.10

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(NASA Only)

Subject: Technical Standards for NASA Programs and Projects

Responsible Office: Office of the Chief Engineer

| [TOC](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [Chapter4](#) | [AppendixA](#) |
[AppendixB](#) | [AppendixC](#) | [ALL](#) |

Chapter 2. Responsibilities

Note: This chapter defines the roles and responsibilities of key officials in the technical standards products management process. The roles and responsibilities of senior NASA management, along with fundamental principles of governance, are defined in NPD 1000.0, NASA Governance and Strategic Management Handbook, and further described in NPD 1000.3, The NASA Organization. Additional roles and responsibilities with respect to technical standards products are defined in NPD 7120.4.

2.1 The NASA Chief Engineer

2.1.1 The NASA Chief Engineer serves as NASA's Standards Executive to:

- a. Provide external coordination of NASA technical standards product activities.
- b. Provide NASA representation on the Interagency Committee for Standards Policy.
- c. Issue a call for information and submit NASA's annual report on voluntary consensus standards activities and conformity assessment to the Office of Management and Budget (OMB) through the National Institute of Standards and Technology (NIST).

2.1.2 The NASA Chief Engineer evaluates the effectiveness of NASA technical standardization activities.

2.1.3 The NASA Chief Engineer coordinates and assesses Agency implementation of policy, procedural requirements, and activities for technical standards products with other NASA Headquarters offices, Center Directors, and Technical Authorities.

2.1.4 The NASA Chief Engineer provides access to technical standards products at <https://standards.nasa.gov>.

2.2 NASA Headquarters Offices that Produce or Participate in Development of Technical Standards Products

2.2.1 NASA Headquarters offices consult with voluntary consensus standards bodies, support and authorize participation of employees in voluntary consensus standards development, and provide input to the NASA Chief Engineer.

2.2.2 NASA Headquarters offices develop processes to approve development and produce and maintain NASA technical standards products within their areas of responsibility consistent with the requirements of this NPR.

2.2.3 NASA Headquarters offices designate NASA-endorsed technical standards products.

2.2.4 The NASA Chief Engineer, the Chief, Safety and Mission Assurance, and the Chief Health and Medical Officer serve as or may delegate Technical Authority for all technical standards products within their areas of responsibility.

2.2.5 NASA Headquarters Offices periodically review compliance with technical standards products within their areas of responsibility.

2.3 Mission Directorates and Program and Project Managers

2.3.1 Mission Directorates and program and project managers support the Agency's established processes for reviewing technical standards products for technical accuracy and adequacy and provide comments when necessary.

2.3.2 Mission Directorates and program and project managers evaluate, select, tailor, when necessary, and use technical standards and specifications as program and project requirements in accordance with NPR 7120.5, NPR 7120.7, NPR 7120.8, or NASA-STD-8709.20, Management of Safety and Mission Assurance Technical Authority (SMA TA) Requirements, observing and protecting copyrights and managing classified national security and sensitive but unclassified information.

2.4 Center Directors

2.4.1 Center Directors, or designees, support established processes for (1) development and maintenance of voluntary consensus standards and other Government technical standards products, (2) NASA technical standards products, including but not limited to, maintenance and improvement of NASA technical standards products for which they have assigned responsibility, and (3) designation and use of NASA-endorsed technical standards products.

2.4.2 Center Directors, or designees, promote and authorize participation of their employees in voluntary consensus standards bodies and report annually on these activities to the NASA Chief Engineer to support NASA's annual report to NIST.

| [TOC](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [Chapter4](#) |
[AppendixA](#) | [AppendixB](#) | [AppendixC](#) | [ALL](#) |

| [NODIS Library](#) | [Program Formulation\(7000s\)](#) | [Search](#) |

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